

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of the claims in the application.

In the Claims

1. (Previously Presented) A filter system, comprising:
a wire having a proximal end and a distal end;
a filter for collecting debris from a body lumen, said filter being disposed proximal of the distal end of said wire;
an outer shaft having a proximal end, a distal end, and a distal sheath extending distally thereof;
a dilator tip slidably disposed in the distal sheath and movable between a distally advanced position located at least in part beyond the distal sheath, and a proximally retracted position; and
a spring coil adapted to bias the dilator tip in the distally advanced position.
2. (Original) The filter system of claim 1, wherein said dilator tip comprises a generally circular cross section and a conical shaped distal portion.
3. (Previously Presented) The filter system of claim 1, wherein the spring coil is disposed in the sheath.
- 4-5. (Cancelled)
6. (Original) The filter system of claim 1, further comprising an inner shaft disposed about the wire, said inner shaft having a proximal end and a distal end.
7. (Original) The filter system of claim 6, wherein the length of the inner shaft is substantially shorter than the length of the outer shaft.

8. (Withdrawn) The filter system of claim 6, wherein the length of the inner shaft is substantially the same as the length of the outer shaft.

9. (Withdrawn) The filter system of claim 8, further comprising a hub disposed about the proximal end of the outer shaft, said hub adapted to prevent relative motion between the inner and outer shafts.

10. (Previously Presented) The filter system of claim 6, wherein said spring coil is disposable at least in part about a portion of the inner shaft.

11. (Previously Presented) The filter system of claim 6, wherein said spring coil is disposable at least in part about a portion of the inner shaft, and wherein a portion of the spring coil is fixedly attached to a portion of the inner shaft.

12. (Withdrawn) The filter system of claim 6, further comprising a plunger assembly.

13. (Withdrawn) The filter system of claim 12, wherein said plunger assembly is attached to the proximal end of the inner shaft.

14-16. (Cancelled)

17. (Previously Presented) A device for removing an intravascular filter from a body lumen, comprising:

an outer shaft having a proximal end, a distal end, and a distal sheath extending distally thereof;

a dilator tip slidably disposed along a filter wire at least in part distally of the distal sheath; and

a spring coil disposed along the filter wire proximal the dilator tip, said spring coil adapted to bias the dilator tip toward the distal end of the distal sheath.

18-29. (Cancelled)